

AMENDMENTS TO CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A controller for an electronic device, comprising:

an image sensor having an effective pixel region and a dummy pixel region;

an image sensor controller configured to control the image sensor; and

a servo controller configured to perform servo control of a drive device that drives a carriage based on servo control information read by at least a portion of the dummy pixel region.

2. (Currently Amended) A controller according to claim 1, ~~wherein~~ the dummy pixel region ~~comprising~~ a plurality of light receiving elements, and the servo controller is configured to perform the servo control based on servo control information obtained from the plurality of light receiving elements of the dummy pixel region.

3. (Currently Amended) A controller according to claim 1,

~~wherein~~ the servo controller ~~is being~~ configured to perform speed servo control on a speed at which the carriage is moved ~~and a detected initial position of the carriage based on the servo control information that includes servo control information for speed control,~~ and

the servo controller being configured to perform the servo control for initial position based on the servo control information for the initial position, ~~detection read by the at least a portion of the dummy pixel region.~~

4. (Currently Amended) A controller according to claim 3, ~~wherein~~ the servo controller ~~is being~~ configured to perform ~~the~~ speed servo control according to speed ranges based on servo control information for speed control in the speed ranges.

5. (Original) An electronic device, comprising:

an image sensor having an effective pixel region and a dummy pixel region;

at least one servo control sensor;

a carriage on which the image sensor and at least one servo control sensor are mounted;

a drive device configured to drive the carriage;
an image sensor controller configured to control the image sensor; and
a servo controller configured to perform servo control on the drive device based on servo control information read by the at least one servo control sensor.

6. (Currently Amended) An electronic device according to claim 5, ~~wherein the~~ servo control information ~~is~~ being contained in printed matter disposed in a detection area of the at least one servo control sensor.

7. (Currently Amended) An electronic device according to claim 6, ~~wherein the~~ printed matter ~~comprising~~ includes at least one barcode, each barcode including a plurality of bar intervals indicative of the control to be performed based on that barcode.

8. (Currently Amended) A controller for an electronic device according to claim 7, ~~wherein the~~ printed matter ~~comprising~~ includes a plurality of barcodes each having mutually different bar intervals.

9. (Original) A method for controlling an electronic device, comprising:
controlling an image sensor having an effective pixel region and a dummy pixel region; and
performing servo control on the image sensor based on servo control information read by at least a portion of the dummy pixel region.

10. (Canceled)